

065

H R Robert

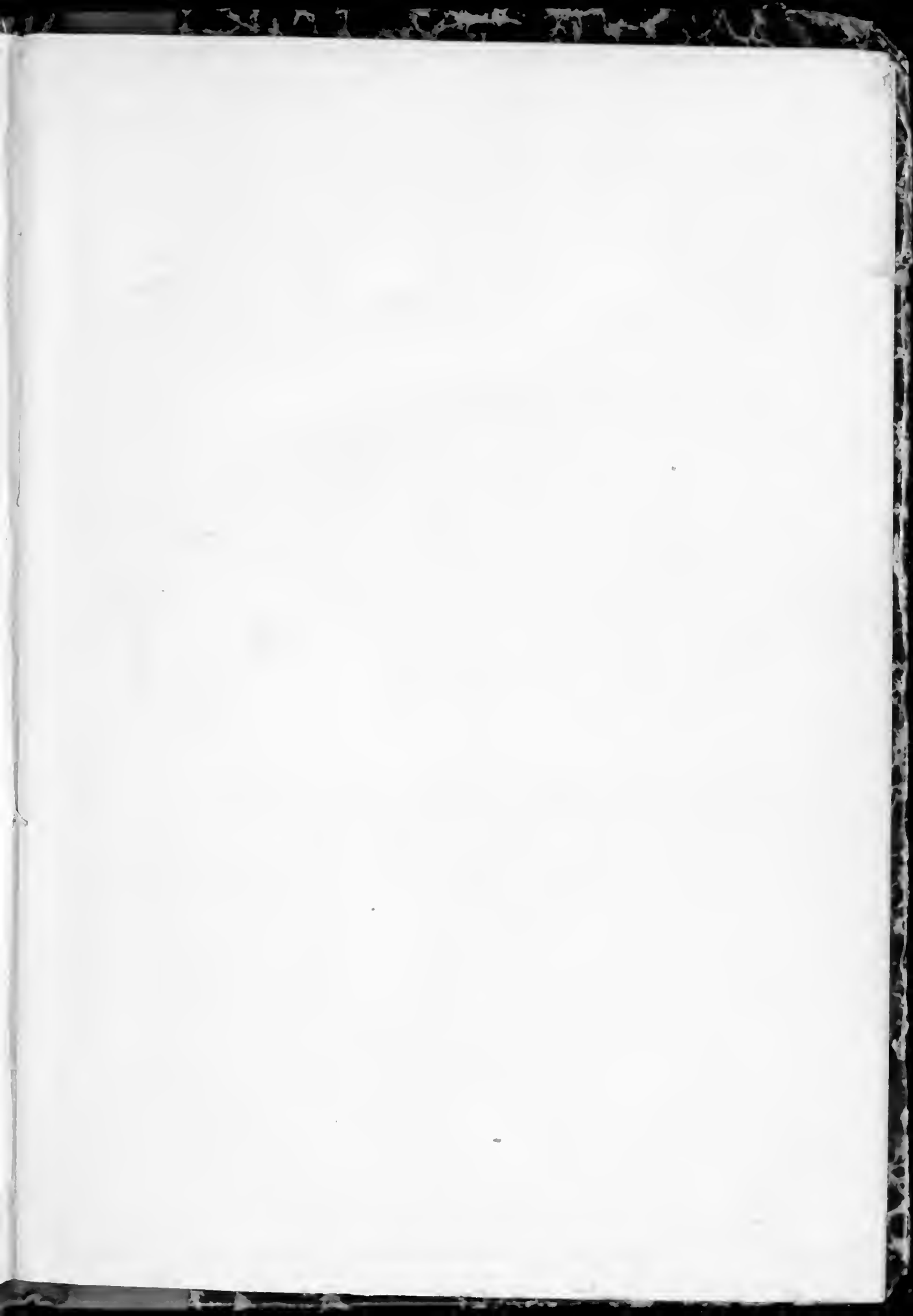
Academy of Natural Sciences

19th & Parkway

Philadelphia

Orthoptera notebook
to southwest
spring 1942

for To. Soc. 1942



(4500 ft)

(1) 85

Jay Six Ranch Benson, Ariz
March 26-28

nearly freezing at night
up to 70 or 80° at midday
very dry, grass just
beginning to show few
flowers, occasional yellow
poppies in bloom, they say
the spring is a little late
this year.

Beetles about 20

(20)

Hemiptera 4

(4)

100 ft

(1)

high crested Oed. 8 juv

8

low " " 3 "

3

Xanthippus? 3 juv

3

Radiostatus? 2 juv

2

Erethia 1 juv

1

Psoloceroid 5 juv

5

(27) 22

⑦

Corylids?	4 jaw	4
Tetrigid	(short pronotum)	17
"	long "	9
Phasmids?	short antennae?	2

	32
(22)	22
	<hr/> 54

grouse locusts were all
found along wet gravel
stream beds

Andellia seen occasionally
but hard to catch

Other than "high" & "low"
erectid ool. and Holopisid
others very scarce & small

Earp, Cal. March 31

dry wash just west of town
grease wood in bloom
and bushes with yellow
daisy like flowers

T. pallidipennis all adult
though some teneral
H. leucostus (blue legs)? common
though hardly any females
adult

Perixerus mostly very
immature - on grease
wood and other bushes
Hazel found Pediocetes on
grease wood about to
attack Perixerus

Shistocerca gregaria (only 1 seen) 1♂
T. pallidipennis (common) 1♂ 3

(2) cont.

Helcastrus?	907 2 ♀ 4 juv ♀	15
small blackish juv?		1
Periclerus	2 juv	2
Radiodactylus	1 juv	1
		<hr/> 23

beetle 1
hemipt 1

(2)

Wetzel Rose Canyon, Panamint Mts.
April 2 4500 ft
(in envelope)

Draculidius	100	30	12
Psocoptera?	40	3 juv	7
Oed?	3	juv	3
Tanacetum	50	10	6
Cryptus	1	juv	1

large series of Tanacetum in alc.

2 Myrmecophila under
boulder with ants

Draculidius found under the
same areas as Tanacetum -
very adapted getting into cracks
of bark.

4 mi. N. Wild Rose, Panamint
 April 3 4900 ft

Tamias 2 ♀ 1 juv ♀ '90' } 40
 6 ♀ not stuffed }
 smooth shaly gravel on
 gentle ^{slope} between bushes

Dracotettix 2 ♀ 2

Notes on *Tamiasciurus* from
Peru

Taken between 4000 & 5000 ft.
extension of range in elevation
probably much greater.

Bush in which it apparently
feeds pretty much everywhere.
However, only saw 1 ♂ actually
on a bush before he started,
and never got a specimen
out of a bush at random
nor checked one out.

When disturbed they
will try and hide among
the stones without trying
to reach a bush, as *Chondestes*.

The ground on which they
were found was quite smooth
and small, stony patches
on gentle slopes, ~~usually~~ usually
not found in the washes

notes on *Tanaoscerus*
(cont.)

In a cage (10³ 3 ♀) some grass and a piece of the common bush (little tear shaped leaves) was placed. They began to eat the bush - leaves of the bush at once.

The long slender antennae are used a great deal and it would appear as though their eyesight was poor.

The specimens appear to have just become adults and a few just ♀ were taken. Many of the females were very territorial and no evidence of copulation was seen.

(5)

April 4th

Amargosa River 10-20 mi S,
of Death Valley Junction 1500 ft

Anconia 5 ♀ 1 ♂ (20 young)

6

very windy and hard
to locate or catch

April 4th

(6)

Salisbury Pass 3500 ft?
(camp)

2 few blue lag ood

2

cold and windy

(7)

Daylight Pass Cal., Blue
Beats & Death Valley
4500 ft April 8 45

Tamiasciurus 69

6

Same general environment
as in Panamint
except greasewood present
more grass and fewer
bushes

25 mi. S. of Beatty, Amargosa
Desert Nevada
2500+ ft April 5

Tanacetum 3920
compared to previous localities
very surprisingly different
country same light
sandy (dusty) with few
scattered pebbles
tufts of grass and a different
species of low bush
a few scattered grass and
large beetle (1)

April 6

(9)

8 mi N. Death Valley Junction
2300 ft Saline desert

Ammonia? 1 ♀ 1 juv
in envelopes

2

April 6

(11)

5 mi E Roswell, Nevada, 5000 ft.

Blue legged 2 juv
in envelopes

localities though in
one general spot collected

74.

collected only found
at local half way up. just
becoming adult.
juv. found at high
local.

High snow at Charles
Mts.

7

April 6

(10)

Rd to Charleston Park, Charles, Mts.
Nevada 2-5000ft ?

Tanacetum	15♀ 1♂ juv	17
Ysotrichoid	5♀ 3♂ juv	15
Arctostaphylos	1 juv	1
Chick Beaters		(2)

Locality rich and vegetation
some grass
Yucca trees and most
types of bushes though
forest wood poorly represented
collected from near beginning
of road to beginning of
juniper and spruce pine
highest locality got only
juv & 9, 1♂ saw 2 others.
Could not see a ♂ at lower

Mountain Pass (N. of Buller) Cal
4500 ft April 7th
foot of slope, a few cedars
and much Joshua trees
grass sparse or absent
between bushes

Xanthippus corall. 1 ♂ 1 ♀ 1 juv 15
T. pallidipennis 10
P. solomon 20 juv 3

(13)

?

E.

20 mi. W. Baker Cal
2000 ft? April?

T. pallidipennis 201

2

(14)

E

4 mi. W. Baker Cal
1500 ft
dry wash

Helicostephanos? 1 ♀ (Tanner)

1

(Det. Apton?)

15

Bto. Baker & Barstow

2000ft - April?

whitish sand dunes with
many bushes

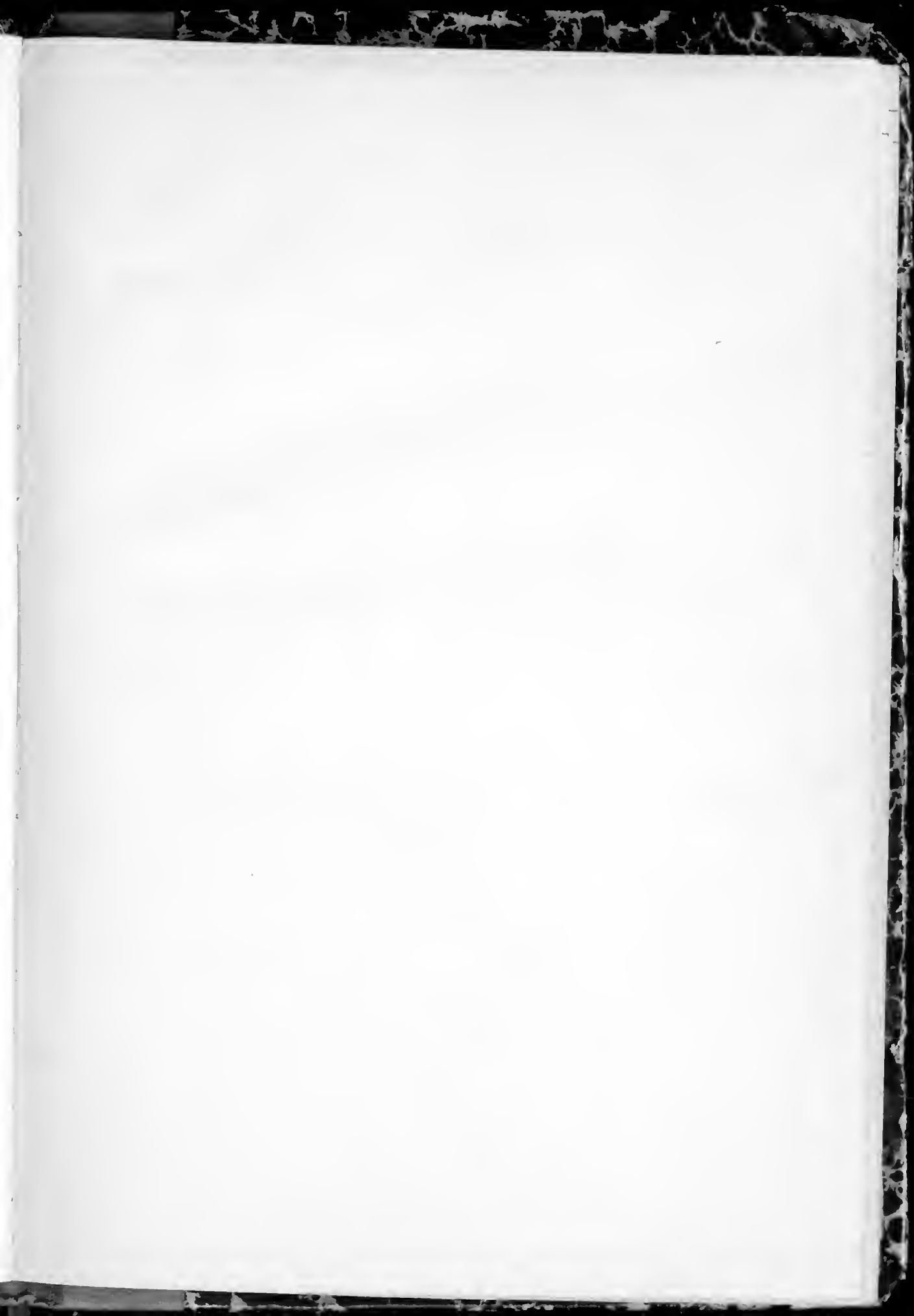
Anconia? 19

Barstow 2100ft Cal

16

(2 mi W.) April?

Anconia 29 10'



2 mi E. Llano, Cal. April 9
2500 ft +

Desert with scattered Joshua
and "Toad-toes" (cacti) + grasses
cold, cloudy

<i>Stethippus</i> ?	10-15	4
<i>Tamias</i> (various)	1-2	3
<i>T. pallidus</i> (various)	2-3	4
<i>Hesperomys</i> ?	2 juv	2
<i>Onychomys</i>	1 juv	1

4 mi W. Beaumont April 9
slightly? scrub hills with what
between (not desert)

Chontophaga?			
(encaptolopha)?	4 ♀	2 ♂	6
Helcaestus?	2 ♀	3 ♂	5
Tringa	2 juv		2
Helanophus	1 juv		1

April 11th

1-3 mi S. Davis near border
of Riverside & Imperial Co line
-100 ft elevation Cal.

<i>Diocoria</i>	7 ♀ 7 ♂	14
<i>Schistocerca</i>	2 ♂	2
<i>T. pallidipennis</i>	1 ♂	1
yellow winged <i>Aspilota</i>	1 ♂	1
phasmid	1 ♀	1
Cynipid	1 ♀	1

3 from low bush (5 or 6 in. high)

2 beetles

Very dry and hot at out
look. whiteish bushes
of small shrubs - most of
them were found on
barren.

April 11th

Lower part of "Canyon" below
Inclio & Palm Springs
+ 500 ft

<i>Acronia?</i>	1 ♀	1
<i>T. pallidipennis</i>	13 1 juv	2
<i>H. leucostictus?</i>	10 1 juv	2

in 11th to west of Radio
250 ft Sunday April 12

Tanavaru 99 10

Spent 2 days to arrived about
4:30 - showers in vicinity
most of that day signs of
clearing weather - got a
few more things for
Tara - could have a light
supper. Night quite chilly
that morning fine and
clear. Went first
before about 10 AM
Collected all day with Cat
10 and very few
They were found at widely
scattered places, always

on the ground though they
often leaped to edge of bushes.
They were large and full
of eggs and easy to catch
in hand when located.

Watched 10 for about
20 minutes. It first sat
on the fine gravel or sand
warmed sand and turned
about two times. When I
moved the net over it
actually lay flat, crushing
it. It did not jump.

Hypnum in cage seemed
very sluggish during the
day in the sun. When it
got cooler around sunset
they were much more
active (cold enough to wear
a heavy sweater)

Description of locality:
granitic boulders about
10 ft. were crumbling forming
large areas of coarse gravelly
sand. vegetation rich &
varied - juniper,
sage rich bayonet, a few
rich grasses, some
of the species of low
scrubland bushes, small
grass under most of bushes

Most likely location for
sage was on south
bare spots of moderate
size with grass under
adjacent bushes
Male shows no attempt
to copulate.

Tierron Park, San Luis Obispo?
 San Bernardino Nat Park
 4000 ft. April 14

Tamiasciurus	40' 50'	3 juvs	22
Geothlypis	50'		2
Empidonax	10' 3 juvs		4
Polioptila	3' 3 juvs		5
T. pallidipennis	10'		1
Helminthophila	2	1 juv	2
Chonotophaga?	1 juv		1

This specimen was
 left in my bag - mistake
 over night. It was a
 light gray brown

not desert - same descent

5-10 mi E. of Julian 2-3000 ft.

April 15th Cal

- Neoceryph. cinops 10♂ 1♀ 2
found together, male singing 11:30 A.M.
in low reedy bog
- T. pallidipennis 7♂ 1♀ 2
- little blue l. yellow warbler 7♂ 4♀ 11
most common along gravel bank
of road.
- 2 sp. tetrageid 2♀ 2 juv. 4
along stream bank
(Helina? juv not coll)

beetles

(6)

1 mi S. Juleau 4500 ft
Col April 15th

Chortophaga? 40769

10

(4 mi W. Jacumba)
 betw Jacumba & Bonland 3000 ft
 April 15-16 Cal

Helicoverpa?	5 ♀	3 ♂ (juv)	8
Arphia, large, red	5 ^{4 ♀} ♂	1 juv	10
Chortophaga?	6 ♂	1 ♀	12
Oedalcometes!	1 ♀	5 juv	8
	1 ♂	1 ♀ in envelope	

montespid? (1)

desert scrub some weeds
 not arid enough for Taraxacum?

April 16th

14 mi W. of Yuma just E of
Dunes. coarse grass tufts

Achium ? 2 juv in envelopes
Phacelid 1 juv

Im-Ko-Pah Gorge E. Sacuaba
2000ft. April 15

Arid but little grass ~~loc. #21~~
suggestive of loc. #21

Blattids large winged
came to light

3

Broad washes - ~~main~~ ^{main} ~~camp~~
hard ground - dry washes

128

Ogilby, low of Yuma and
April 17th

<i>T. pallidipennis</i>	1 ♀	1
<i>Helicostepus</i> ?	1 ♀ (small)	1
<i>Tytlhotyle</i>	1 juv ♂	1
<i>Dactylic</i>	1 juv	1
<i>Arctura</i>	2 juv	2

1 "Arctura" beetle - (1)

2 on open, hard packed stones

3-4 mi. W. Yuma, Cal. April 17th
 overgrown irrigated area
 short curly grass & bare
 ground

Large Eulittia like	4 ♀ 2 ♂ 4 juv	10
Chortophaga?	1 ♂	1
Melanoplus f. m.	1 ♀	1

4-8 mi

4 mi E Mowhawk Spring

Apr. 17th 1885

along dry wash (camp)

Little Blaine

green leucocoma?	4 ♀ 1 juv ♀	
Shisto. vanga	301 1 ♀	4
T pallidipennis	1 ♀	1
Cibolacris	1 ♀ (4 mi out)	1
Diapherocera	1 juv ♂ 1 juv ♀	2
Chorizanthe	2 juv	2
Tryx?		2
Helanopteryx	2 juv	3
Cyrtus arvensis	2 juv	
1 little Blaine	(1)	

Tryxal. & plasmi. from grass-
test outlet along wash

Anconia & Helanopteryx from
bush (specimen taken)

4-8 mi. E. Newland
Bowie

cont 130

Ariz.

Ancona 4 ♀ 4 ♂ (young) 8
Cibolacris 1 ♀ 1

This second wash much more of the "brush" was present and it could be easily gotten by lightly beating these bushes and the ♂ would fly out and usually alight on the mud also ♀. Some of the specimens could also be flushed from the flat.

At the 1st location no ♂ were found & ♀ just becoming adult. Do they turn brown when they become fully adult?

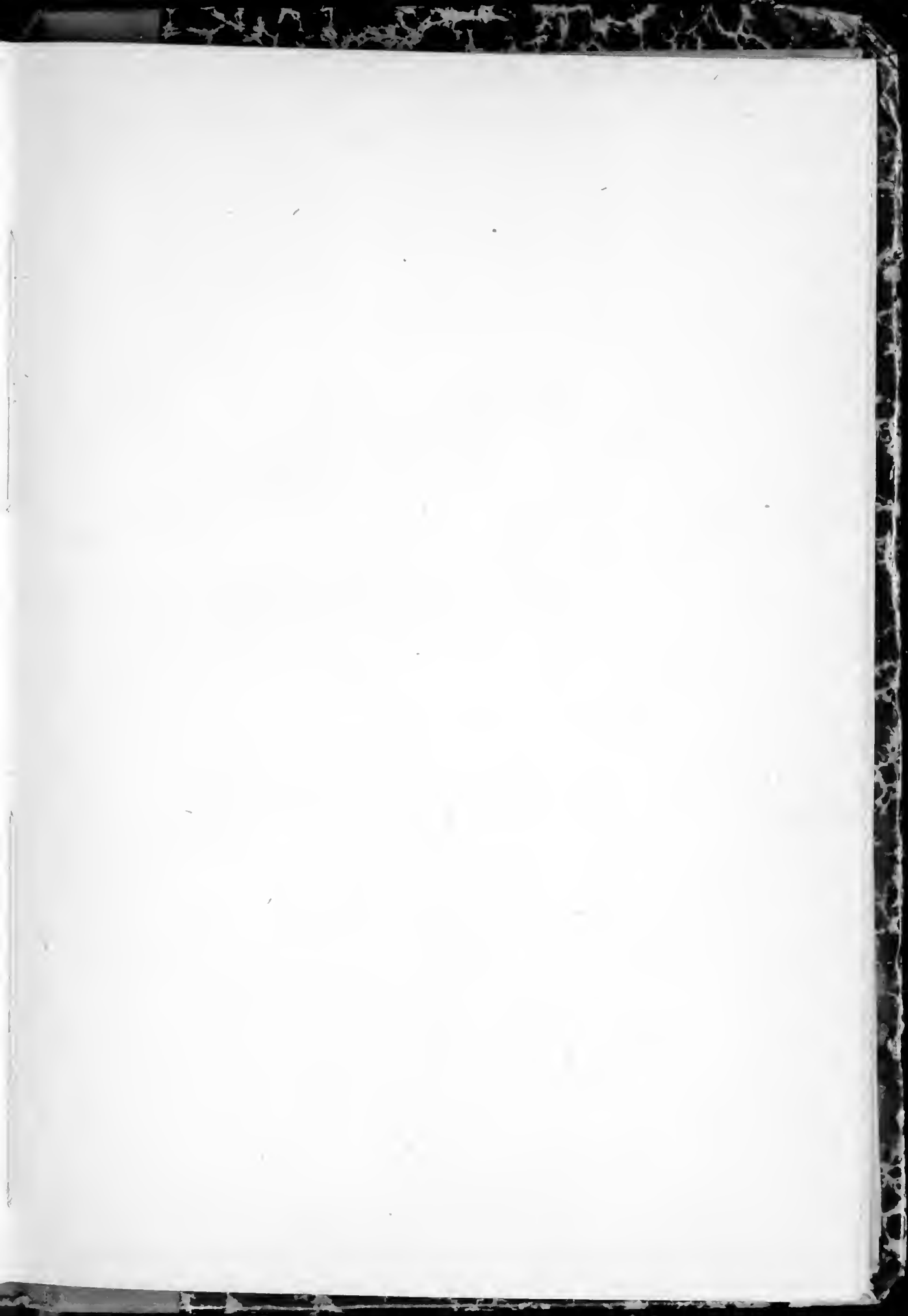
Ariz.

22 mi W. Gila Bend Apr 18th
 slight mud wash with
 much grass - two kinds,
 the large tussocks of coarse
 grass, and a much smaller
 species. Most of the grass
 was dried up.

gray Eutettix-like?	2 ♀	7 ♂	1 juv	10
T. pallidus-group		1 ♂		1
Psolocera		1 ♀		1
Achumen?		1 juv		1

JB Ranch, Benson Ariz April

<i>Xanthippus corallipes</i>	2 ♀ 3 juv	5
<i>T. pallidipennis</i>	1 ♀	1
<i>Speotyto cunicularia</i>	1 ♀ 3 ♂	4
<i>Lactaria</i>	1 ♂ 1 ♀	2
<i>Cibolocris</i>	1 juv	1
<i>Psolocista</i>	2 ♀	2
<i>Erileptus</i>	1 ♂ 2 juv	4



April 2.
Wild Rose Canyon, Paramount

No.

1 *Tanaocerus*!

2 " gonad?

3 *Dracolellix*

4 "

5 necessary? 5A gonad *Tanaocerus*

6 *Dracolellix*

10-20 miles S. Death Valley Junction

7 *Anconia*?

8 "

9 " juv.

Pinn Park, San Jacinto, #22

10 *Dracolellix* (small, immature?)

11 "

12 "

13 "

14 "

- 15 *Tanaocerus*
 16 "
 17 "
 18 "

— 14 mi W. Yuma Loc # 26

19 *T. cristata*

— 4 mi W. Jacumba Loc # 25-

20 *Cedacornutus*

4 mi E. Hoback

21 *Coleolacris*

22 "

23 "

24 "

— 8 mi E. Hoback

25 *Arceuthobium?*

26 "

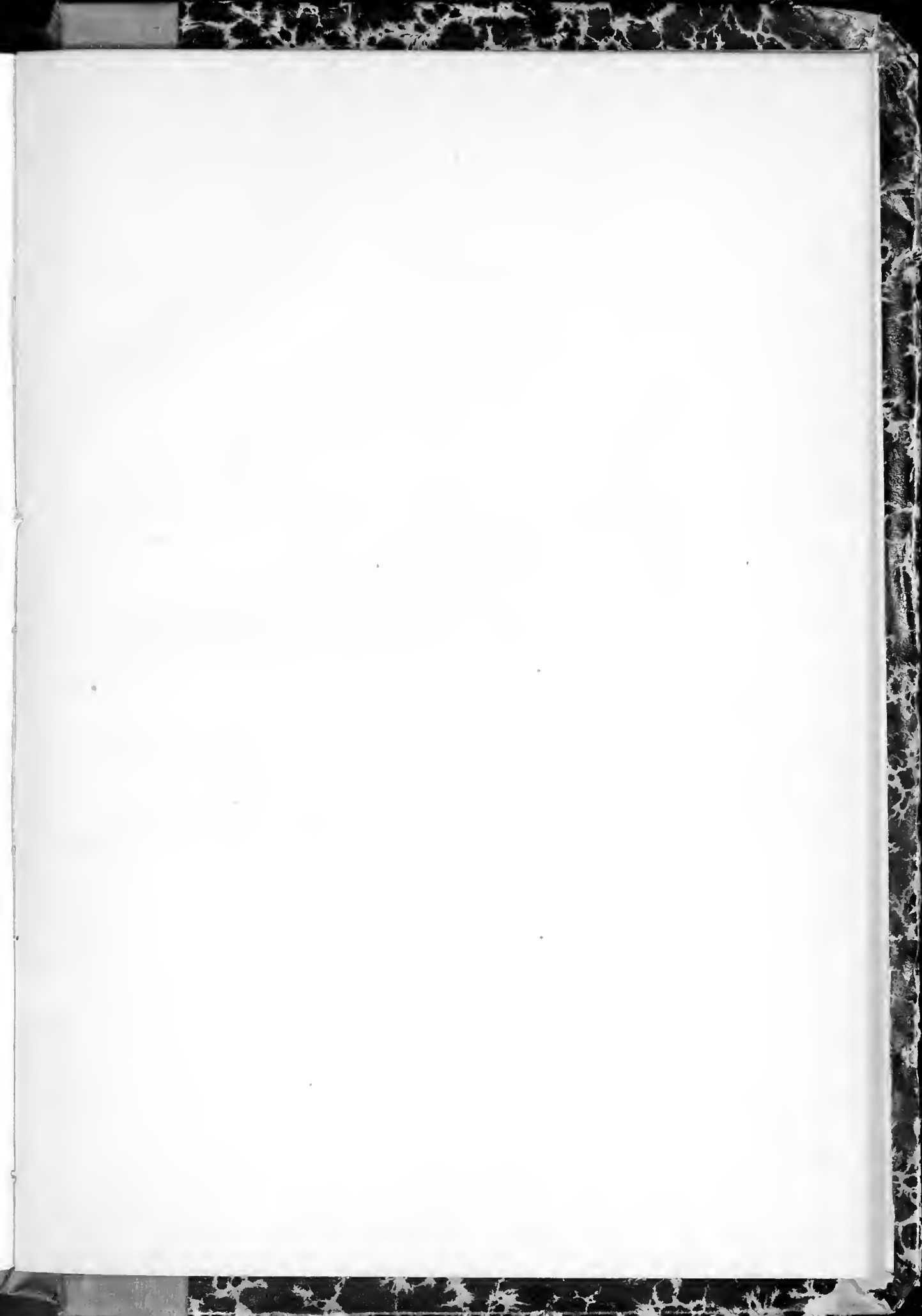
27 "

J. Lee Ranch. ^{loc #32} Benson April 19th

28 Spharagnum yellow legs, small

29 "

30 "



31

32

